Approved For Release 2803/09/30 CA RDP78T05161A001000010068-4 MAGERY ALYSIS PHOTOGRAPHIC INTELLIGENCE CONSTRUCTION STATUS OF SOVIET SINGLE SILO ICBM SITES **Declass Review by NIMA/DOD** 25X1 CIA/PIR 71021 25X DATE COPY 1()(

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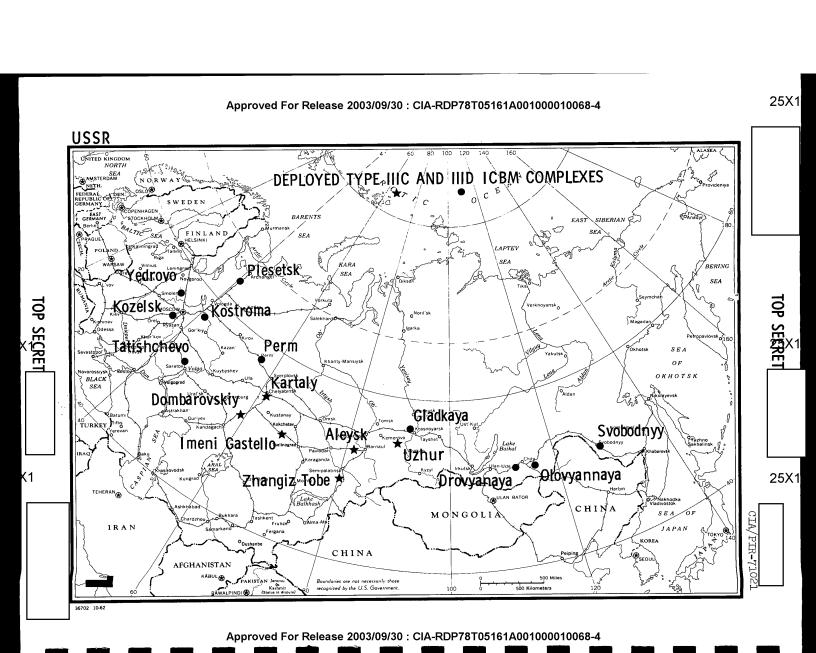
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DDI IMAGERY ANALYSIS STAFF

CONSTRUCTION STATUS OF SOVIET SINGLE SILO ICBM SITES

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DDI IMAGERY ANALYSIS STAFF	
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Introduction	
This report is part of a continuing series evaluating the progress of the Type III-C and Type III-D ICBM deployment programs in the USSR. Since the last report, were received. All of the Type III-C and Type III-D complexes were covered, at least in part, although interpretation was limited in some instances by snow or low sun angle.	25X 1
An explanation of the construction timing charts which are included in this report can be found in CIA/PIR-61119 The cable trace study of all the single silo complexes has been completed through and is portrayed on the complex maps. These studies will be continued and presented in future issues of this report. The cable traces portrayed are only indicative of definite connections between sites, not precise locations.	25X 1
The appended list of TDI designators includes all numbers assigned through	
<u> Highlights</u>	
During this reporting period, several significant developments occurred in both the Type III-C and Type III-D programs. Deployment of the small single silos was extended to Plesetsk, probably beginning in with one confirmed and one possible site identified to date. At Gladkaya, The construction time for three of these sites can be limited to a maximum of fifteen months. An anomaly is noted at the Olovyannaya 'K' group which has had excellent continuing large scale coverage over many of the sites. This group is now about three and one-half months behind a normal construction schedule, apparently due to an actual stop in construction beginning sometime in late Launch site K-4, for instance, still has the same segment missing from the silo which was missing on There has been no other discernible change in this site and only minor changes at others (mostly the addition of a small	25X1 25X1

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building between the fence lines). Six of these sites may have stopped about the sites in this group reveal construction progress since the sites in this group reveal construction progress since the sites in this group reveal construction progress since the sites in the group to have reached stage VI-A. The reason for this inactivity cannot presently be explained, but the sites are not believed to have been abandoned. The same situation could possibly have occurred previously at some other complexes where we have large gaps in the photography, but this is the first time it has been recognized. Slight track activity in the snow is evident at the sites, and a crane is seen alongside the headworks at site K-7. Identification of the fifth group at Uzhur and Dombarovskiy highlighted developments at the Type III-C single silo complexes. It had become more or less a pattern for the latest Type III-C groups to appear about 5-7 months after the start of construction on the preceding group. Dombarovskiy was consistent in this respect. However, the current evidence suggests that the fifth group at Uzhur was deployed, if not concurrently, at least immediately after, the fourth. Should the established interval of 5-7 months prevail, we would soon expect the fourth group at Aleysk, the fifth groups at Imeni Gastello and Kartaly, and, if deployment is not to be limited to five groups, a sixth group should already be under way at Uzhur. The present status of the 'C' and 'D' groups at the Type III-C complexes suggests that these sites will be completed within a 12-13 month span, approximately the same as, or even less than the time required for completion of the Type III-D sites. A series of severe earthquakes occurred in early in northern Mongolia, roughly equidistant from Gladkaya and Uzhur to the northwest and Drovyanaya and Olovyanaya to the northeast. The distance involved, on the order of 500 miles, makes it unlikely that these complexes were seriously affected. They will, however, be watched closely for any evidence o	Approved F	or Release 360 3/00/RET CIA-RDP78T05161A001000010068-4
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·	Mongolia, roughly Drovyanaya and O order of 500 miles affected. They	y equidistant from Gladkaya and Uzhur to the northwest and lovyannaya to the northeast. The distance involved, on the es, makes it unlikely that these complexes were seriously will, however, be watched closely for any evidence of

The following is a continuing compilation of sites started
Only probable and confirmed starts are included, therefore these figures should
be considered as absolute minimums. Complete, cloud-free photographic
coverage of such complexes as Kostroma, Yedrovo, Kozelsk, Perm, Olovyannaya,
and Uzhur should increase these totals appreciably.

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		<u>-</u>	Type I	III-C	is:							25X1
Complex	<u>J</u>	F	M	<u>A</u>	M	<u>J</u>	<u>J</u>	<u>A</u>	<u>s</u>	<u>o</u>	N	<u>D</u>
Aleysk Dombarovskiy Imeni Gastello Kartaly Uzhur	1 2 1 1 2	3 4 3 2	1 2 2	4		1	1 1 2	3 2 2 2	1 2 2	3		
Zhangiz Tobe		3	2					3		1	1	
Totals	7	15	7	4		2	4	12	5	14	1	= 61
Complex	<u>J</u>	<u>F</u>	Type I	III - D <u>A</u>	<u>M</u>	<u>J</u>	<u>J</u>	<u>A</u>	<u> </u>	<u>0</u>	N	25X1 <u>⊅</u>
Drovyanaya Gladkaya Kostroma Kozelsk Olovyannaya Perm Plesetsk	1 3 5 1 4	6 2 1 3	3 4 2 3	2 1 1 5 2	3 5 4 5 7	2 1 7	2	2 2 1	1			
Svobodnyy Tatishchevo Yedrovo	4 4 1	1 4 3	5 5 6	8 9 4	9 3	8 <u>1</u>	2 7 1	1 3	3 6	7 1	2 1	
Totals	23	23	29	33	36	19	17	9	11	8	3	= 211
Grand Totals	30	38	36	37	36	21	21	21	16	12	1	= 272

-3

III-C and III-D

Type III-C ICBM Deployment A total of fourteen confirmed and one probable Type III-C sites were newly identified. One suspect and one probable site were confirmed. Complex command control centers have now been identified at all Type III-C transfer points. Current potential for the large single silos is 156 (25 groups). Sixty-four of these sites appear externally complete. Type III-C Complexes Dombarovskiy Leunch site X at the transfer point and five sites in the fifth group (E) were newly identified during this period. All were apparently started during a span from the sites in the group was either cloud covered or not covered by these missions. Both the 'A' and 'B' groups are now complete. The 'C' group has progressed rapidly, with backfilling underway at two of the sites and the control bunker completely roofed at C-1 (15). The access roads are already well developed at all but one of the sites. This is somewhat early in the construction phase. The most advanced of these sites may be completed in about thirteen months, near the end of these sites may be completed in about thirteen months, near the end of these sites may be completed in about thirteen months, near the end of these sites may be completed in about thirteen months, near the end of these sites may be completed in the transfer point and within the railhead and storage area proper. At the complex support facility, concrete arches, crates, and other material is scattered in great profusion along the rail siding south of the transfer point and within the railhead and storage area proper. Aleysk A combination of heavy snow, clouds, haze, and obliquity severely limited the interpretability of the passes over Aleysk. Launch site A-4 (12) was observed to be complete. Iaunch group '19' will probably be complete sometime in the first quarter of launch group '19' will probably be complete sometime in the first quarter of launch group '19' will probably be complete sometime in the first quarter of launch group '19' will probably be offered to the site	, (pp. 0104)	TOP SECKET	CIA-RDP78T05161A001000010068-4
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limited the interpretability of the passes over Aleysk. Launch site A-4 (12) was observed to be complete. Launch group 'B' will probably be complete sometime in the first quarter of Launch group 'C' is progressing at an apparently normal construction rate. Two sites remain to be identified in this group, however their probable location has not			
	limited the inte site A-4 (12) wa be complete some progressing at a to be identified	rpretability of the some observed to be competime in the first quantum apparently normal call in this group, however	passes over Aleysk. Launch plete. Launch group 'B' will probably arter of Launch group 'C' is construction rate. Two sites remain

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Large amounts of various unidentified materials are in open storage along rail sidings at the complex support facility.

Imeni Gastello

Partial coverage of three launch groups was obtained. Launch sites B-1 (7) and B-3 (11) are now complete, although one leg of the interferometer at B-1 (7) remains to be buried. Some backfilling has occurred at all three sites seen in the 'C' group; the access roads are well-developed, and the silo door is either present or being fabricated on the square mound adjacent to each site. These sites may be complete about the end of the square mound adjacent to each sites will have taken 12-13 months from start of construction to completion. One new site was identified in the 'D' group, leaving one yet to be identified.

Cabling is now visible between the control site and the rest of the sites in the 'C' group, and also now connects the control centers of the 'A' and 'B' groups.

Again, great quantities of materials are to be found in and around all rail sidings at the complex support facility.

Kartaly

Both launch groups 'A' and 'B' are now complete. Launch group 'C' is still anticipated to take about 14 months for completion.

\square launch site C-3 (18), then in	. stage II <u>I, h</u>	ad an ori	entation at
right angles to the rest of the sites in the	group.		
the orientation was still the same.		the	rectangular
mound had been moved from the western side t	o a northerly	position	, normal for
the group, although the earthern ramps still	remain open	toward th	e place the
mounded square should be.			

Two new sites were identified to fill the 'D' group. The time interval since the deployment of this group is such that a fifth group may be expected in the very near future. The large amount of open storage materials in the complex support facility tends to confirm this.

Uzhur

The last completion in the 'B' group was noted, and the two sites observed in the 'C' group were also complete. Photography over the 'D' group was of poor quality, but still sufficient to confirm one probable and one suspect site, and to also identify two sites filling out the group. It is anticipated that most, if not all, of this group will be completed in

25X′

the first quarter One site (26) was confirmed east of the railroad in the fifth group to be identified here. The stage of construction of this site suggests that the group was deployed either concurrent or immediately after, the 'D' group. The surrounding area has not been percention for this site suggests that the group was deployed either concurrent or immediately after, the 'D' group. The surrounding area has not been seen photographically on any type of coverage for months. This has been due almost entirely to lack of coverage and not promoths. This has been due almost entirely to lack of coverage and not promother. This possible that a sixth group could already be under construction in this area. This possibility is to some extent strengths by the great amount of materials stacked along rail sidings at the complex operation of materials stacked along rail sidings at the complex operation of materials stacked along rail sidings at the complex operation of site 26 (the neadworks being almost complete) and assuming that the rest of the group is no more than two or three months behind this site, the quantity of naterial seems far in excess of that which would be required for the first group. Zhangiz Tobe The last two sites in the 'B' group have been completed. Coverage over the 'C' group was poor, but it now seems likely that these sites we take a total of thirteen and one-half to fourteen months for completion. One new site was added to the 'D' group, and a complex command compense was identified at the transfer point. As at all other Type III-D sites is 450 (The groups). One hundred and fourteen were confirmed. Two possible sites were upgraded to probable, one site dropped, and one regarded to be probably abandoned. Current potential for the Type III-D sites is 450 (The groups). One hundred and fourteen the small single silos are now externally complete from the photographic evidence. Type III-D Complexes Syobodnyy Almost the entire complex was covered by					CIA/PIR-7102
railroad in the fifth group to be identified here. The stage of construction of this site suggests that the group was deployed either concurrent or immediately after, the 'D' group. The surrounding area has not been seen photographically on any type of coverage for months. This has been due almost entirely to lack of coverage and not proved lately, it is highly possible that a sixth group could already be under construction in this area. This possibility is to some extent strengths by the great amount of materials stacked along rail sidings at the complex support facility. Considering the stage of construction of site 26 (the neadworks being almost complete) and assuming that the rest of the group is no more than two or three months behind this site, the quantity of material seems far in excess of that which would be required for the fit group. The last two sites in the 'B' group have been completed. Coverage over the 'C' group was poor, but it now seems likely that these sites we take a total of thirteen and one-half to fourteen months for completion. One new site was added to the 'D' group, and a complex command concenter was identified at the transfer point. As at all other Type III-6 complex support facilities, a large amount of material is visible along rail sidings in open storage. Type III-D ICEM Deployment A total of 24 confirmed, 16 probable, and 3 possible Type III-0 site were newly identified. Seventeen probable, 5 possible, and 4 suspect swere enewly identified. Seventeen probable, 5 possible, and 4 suspect swere newly identified. Seventeen probable, 5 possible, one site dropped, and one regarded to be probably abandoned. Current potential for the Type III-0 sites is 450 (44 groups). One hundred and fourteen the small single silos are now externally complete from the photographic evidence. Type III-D Complexes			DDI IMAGERY	ANALYSIS STAFF	CLA/ PIR- (102
The last two sites in the 'B' group have been completed. Coverage over the 'C' group was poor, but it now seems likely that these sites witake a total of thirteen and one-half to fourteen months for completion. One new site was added to the 'D' group, and a complex command concenter was identified at the transfer point. As at all other Type III-complex support facilities, a large amount of material is visible along rail sidings in open storage. Type III-D ICBM Deployment A total of 24 confirmed, 16 probable, and 3 possible Type III-D simple were newly identified. Seventeen probable, 5 possible, and 4 suspect simple were confirmed. Two possible sites were upgraded to probable, one site dropped, and one regarded to be probably abandoned. Current potential for the Type III-D sites is 450 (44 groups). One hundred and fourteen the small single siles are now externally complete from the photographic evidence. Type III-D Complexes	railr tion or im seen month weath latel const by th suppo headw is no	pad in the fifth of this site sugnediately after, photographically s. This has been conditions. y, it is highly ruction in this e great amount of the facility. Coorks being almost more than two coial seems far in	a group to be ingests that the group to be inguity on any type of the considering to possible that area. This poof materials stomplete are complete and three months	dentified here. To group was deployed. The surrounding for coverage for the group deployment a sixth group could ssibility is to so acked along rail stage of construct dassuming that the behind this site,	he stage of construde either concurrent area has not been coverage and not put timing observed dalready be under me extent strengthe idings at the complicion of site 26 (the erest of the group the quantity of
The last two sites in the 'B' group have been completed. Coverage over the 'C' group was poor, but it now seems likely that these sites witake a total of thirteen and one-half to fourteen months for completion. One new site was added to the 'D' group, and a complex command concenter was identified at the transfer point. As at all other Type III-complex support facilities, a large amount of material is visible along rail sidings in open storage. Type III-D ICBM Deployment A total of 24 confirmed, 16 probable, and 3 possible Type III-D simple were newly identified. Seventeen probable, 5 possible, and 4 suspect simple were confirmed. Two possible sites were upgraded to probable, one site dropped, and one regarded to be probably abandoned. Current potential for the Type III-D sites is 450 (44 groups). One hundred and fourteen the small single siles are now externally complete from the photographic evidence. Type III-D Complexes	7hano	iz Tobe			
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A total of 24 confirmed, 16 probable, and 3 possible Type III-D were newly identified. Seventeen probable, 5 possible, and 4 suspect swere confirmed. Two possible sites were upgraded to probable, one site dropped, and one regarded to be probably abandoned. Current potential for the Type III-D sites is 450 (44 groups). One hundred and fourteen the small single silos are now externally complete from the photographic evidence. Type III-D Complexes Syobodnyy	over	the 'C' group wa	as poor, but it	now seems likely	that these sites wi
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NIMOGE THE ONE TO COMMICA THE CONTROL OF					

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25X1 Approved for Release 70 P3 P2 CP T A-RDP78T05161A001000010068-4 DDI IMAGERY ANALYSIS STAFF and one of Obliquity, haze, and snow prevented determination of details over the 'L' group, but quality was sufficient to identify two confirmed and three probable new sites, and to upgrade one possible site to probable within this group. Two sites remain to be identified. The 'K' group appears to be progressing normally, although one or two of the sites may be slightly behind schedule. With the addition of one confirmed, one probable, and one possible site, and the dropping of site 44, the 'J' group is now filled out. Coverage in most instances was adequate only for identification. It was possible to establish that none of the 'I' group is yet complete. Since some of these sites started in 25X1 a tentative limitation is thus placed, at least with this sampling, upon the minimum time it will require to complete those sites started around the first quarter of Kozelsk 25X1 Only five sites in the 'H' group were covered by Of these, one possible and two probable sites were confirmed, and site 15 was identified as the control for the group. Work on the control bunker has just begun. The last clear search coverage over the eastern half of the complex was in and over the western half in Kostroma

Two clear passes and one pass covered the area of known deployment. Construction status of the sites was not determinable due to snow and low sun angle. However, 4 confirmed, 5 probable, 1 possible, and 2 suspect sites were newly identified, and 2 probable sites were confirmed. The quality was such that it is probable that some sites were imaged but not identifiable.

The grouping of sites at Kostroma (Figure 8) is only tentative for the sake of convenience. In particular, the location of site 27 and the timing of site 28 suggest that elements of at least three groups are present. There is a further anomaly connected with probable site 21, which may be the control site for the initial group. If so, the large excavation nearby, presumably for a control bunker, is making its appearance unusually late.

25X1

	DDI IMAGERY ANALYSIS STA	CIA/PIR-71021
Yedrovo		
4 probable and 2 prouping appears to groups are not report to the state of the stat	possible sites were confirme to be unsatisfactory and the presented, particularly sinc clear since confirmed as the control for	ites were newly identified and ed. Again, the tentative ere is no assurance that three ee the surrounding area has the 'K' group. Clearing for
the legs of the 'B construction of the	L'-shaped interferometer has he control bunker is not ver	s been accomplished although ry far advanced.
Drovyanaya		
in the 'K' group, probable. The as: The arrangement o	one new site was identified signment of these sites to a f the eight known sites sugg the locations could, in thi	e 'J' and 'K' groups although and one possible upgraded to a single group is only tentative gests that two groups might be is case, be dictated by the
Olovyannaya		
groups was not of although it was p	sufficient quality to deter ossible to fill out the 'I' onfirmed sites. The present	e of the 'F', 'H', 'I', and 'J' rmine construction status, group with 1 possible, 3 tly inactive status of launch
Gladkaya		
'F' group, site F the only remaining not be determined as it was in stage	g site of the group which ha The 'G' group was not cov e 9 when last seen on clear Five sites observed in the '	vered. It should be complete,

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can be judged by the fact that one of these, site H-9 (31), had not been confirmed previous to this time, and had, in fact, been dropped on the previous coverage _______ Two probable sites in the 'I' group were confirmed, however, haze over the seven sites in the group prevented an accurate determination as to their status. All are in at least stage 9 with a covering of some sort over the silo, and generally show little or no sign of activity in the snow. One site is as yet unidentified in this group, and a possible site remains to be confirmed. Three sites were identified in the 'J' group, which predated the 'I' group in construction. They are in at least stage 9, although quality was not sufficient to determine if they are complete. Two sites remain to be identified in this group and they may be completed before being identified.

Perm

covered the 'I' group, revealing the last two sites in the group to be externally complete. Several sites in the 'G' and 'H' groups were observed on

of the construction table, that the entire group is now complete. None of the 'J' group, which contains three possible and two probable sites, was covered on either mission. There was, however, outstanding coverage of the transfer point and complex support facility—the latter having a relatively large amount of material visible along the rail sidings.

Tatishchevo

A total of ten confirmed and two probable sites were newly identified; five probable sites and the eleventh group were confirmed. The 'A', 'B', and 'C' groups are complete. The 'D' group was identified only, as was most of the 'E' group. All sites in the 'F' group are now in stage 9, as is most of the 'G' group. Site 105 in the latter group has probably been abandoned, the first such to be noted in the Type III-D program. This is presumed from its spacing in relationship to site 137 (about one mile) and the lack of activity. If it has not been abandoned, it would necessarily form part of a new group, for which there is hardly adequate space in this particular area. The 'H' group was, in general, identified only. About half of the sites in the 'I' group are in stage 9. The grouping shown on Figure 14 for 'G' 'H', and 'I' groups, should be considered as tentative, pending evidence of cabling between sites. As it stands, each is now

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	DDI IMAGERY AN	NALYSIS STAFF
is in doubt. The Overall, however a normal construadded to the 'K' starts at Tatish	e 'J' group was fully, the impression is to ction schedule. Three group, to make a tot	several sites to the proper control covered, but largely uninterpretable that this group may be slightly behind the confirmed and two probable sites we cal of 57 confirmed and probable eximately 55 percent of the total Type
Tyuratam Missile	Test Center	
under constructi Type III-C singl with approximate	on, each in a U-shape e silos. The three e	I-7, now consists of three launch sided excavation similar to excavations excavations are in line excavations are two silodes by a double fence.
at I-2 and I-3, of construction, excavation and t an excavation ard dug adjacent to	incompatible with nor has occurred between A rectilinear excavat he site entrance at a proximately the same the northwest corner	and I-6 remain in stage III, activity and Type III-C sites in this stage in the stage in the stage of the sites I-2 and I-3. Also, size as the original one has been of the silo excavation at I-3. Therestruction activity observed at launch
M-1 where a squa	re excavation has been wation and construct:	in stage III, except at launch site en dug about 300 feet west-northwest ion of the site access road has exten
Plesetsk		
the tenth completone possible (Siroad in this are	x with the identificate te 18) Type III-D site aabout 20-25 naution	silos at Plesetsk has been expanded tation of one confirmed (site 17) and te. Extension of the complex main cal miles east of launch areas 9 and ading from it indicates work will soos escaped detection on recent coverag

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Several other confirmed or probable launch sites are located in the same general vicinity. They consist of multi-silo configurations, probable soft pads, and possibly one or two other unidentified launch configurations. No similar counterparts have been identified at either of the Tyuratam or Kapustin Yar Ranges, or at any other deployed SSM complex.

DOCUMENTS

CIA/PIR-71017, Construction Status of Soviet Single
Silo ICBM Sites (September - October 1966) (Top Secret

REQUIREMENT

C-RR6-84,138

DDI/IAS PROJECT

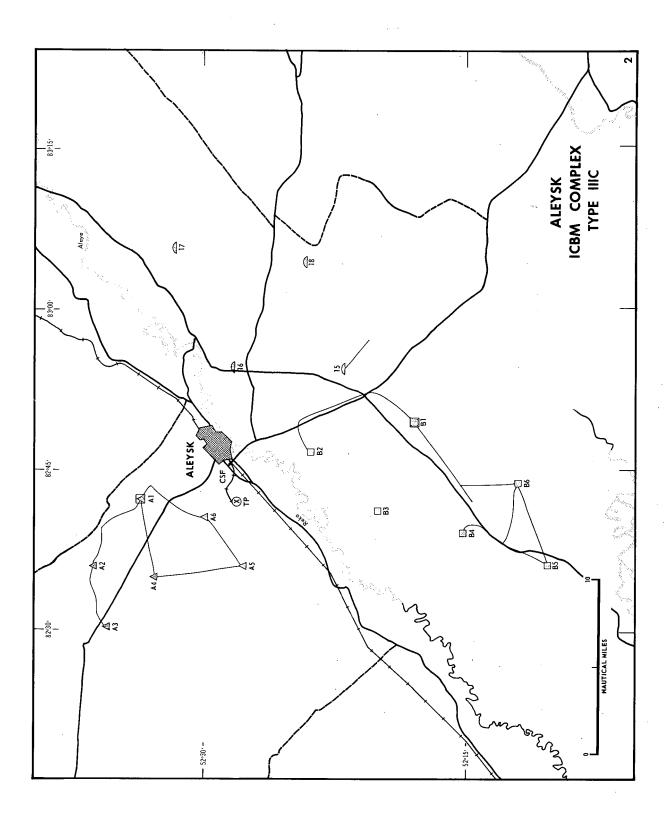
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^{*} Probable site ** Possible site

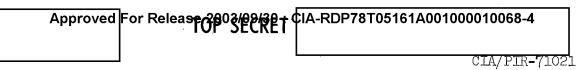
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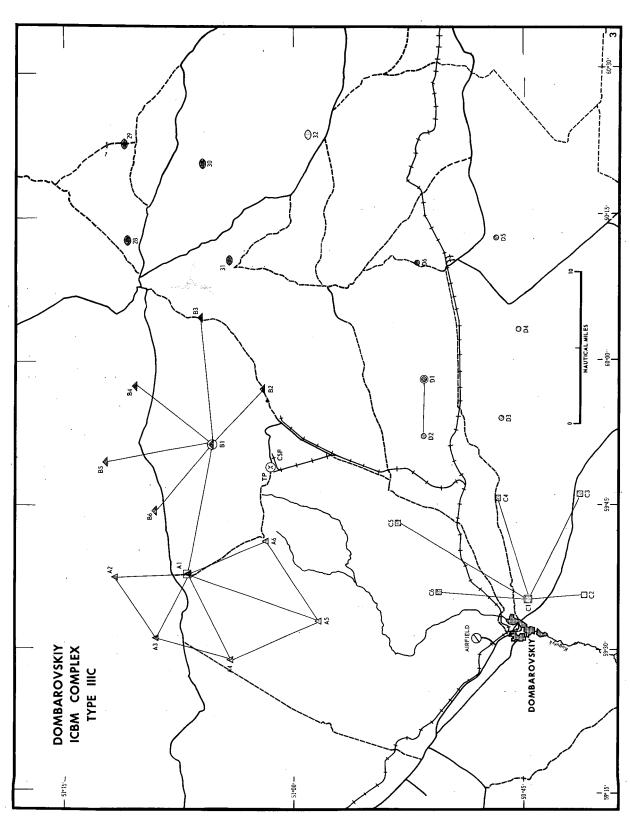
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REMARKS:

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DOMBAROVSKIY ICBM COMPLEX

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Sites 28, 29, 30, and 32 were negated on Site 31 was negated on

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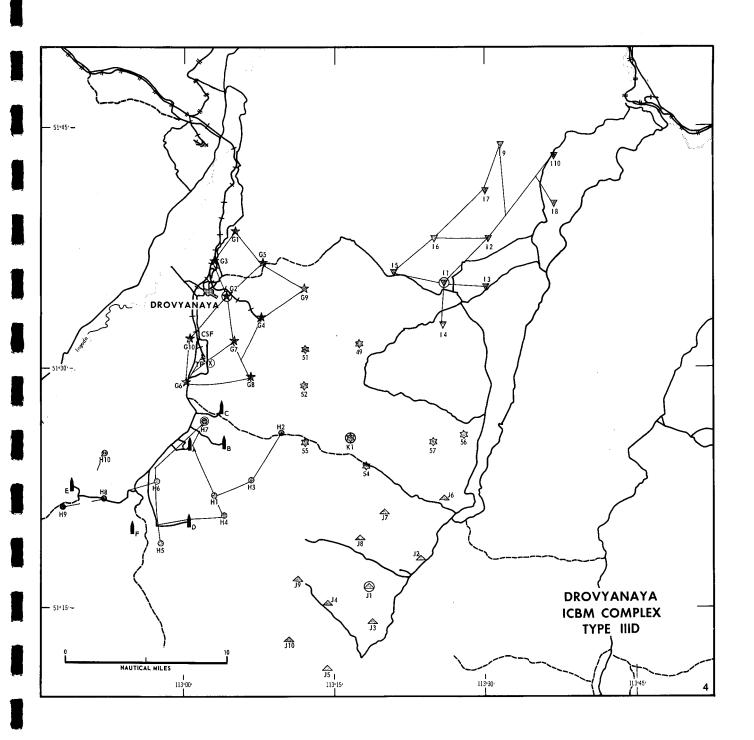
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DROVYANAYA ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE		J 1 +	J2	J 3	J4	J5	ј6	J 7	Ј8_	Ј9	J 1 0		Victor		
PREVIOUS DESIGNATI	ON														
TDI SITE DESIGNATIO	N	44	38	46	45	47	39	42	43_	48	50				
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^{*} Probable site

^{**} Possible site

^{***} Suspect site

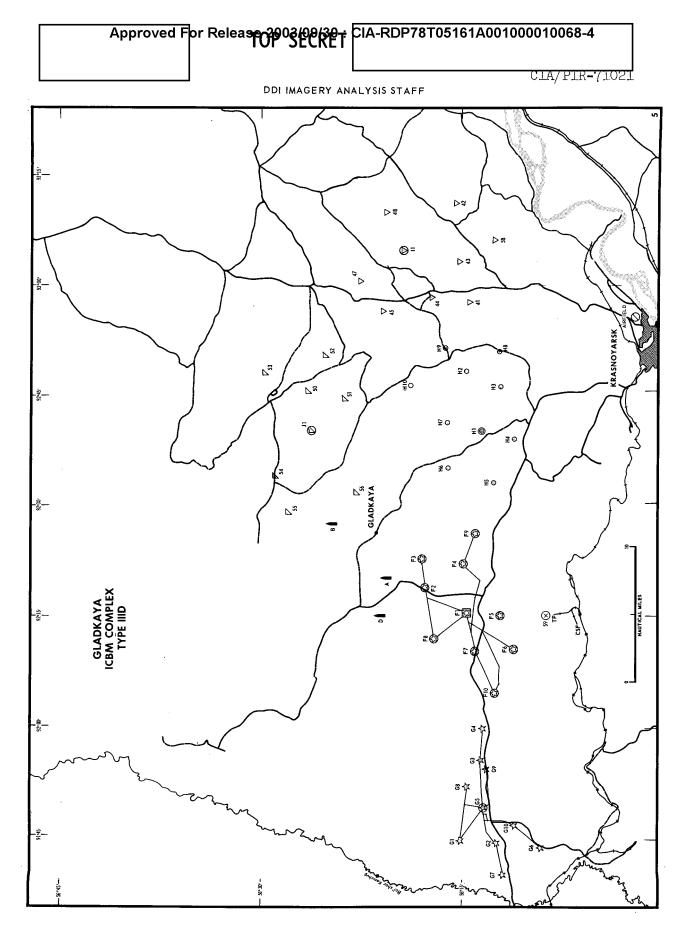
N Negation

ID Identification only

C Completed site

⁺ Control site

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LAUNCH SITE	Kl													
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	53+	49	51	52	54	55 *	56 *	57						
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		DDI IMAGERY ANA	LYSIS STAFF	CIA/PIR-71021

GLADKAYA ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	F 1 +	F2	F3	F4_	F5	F6	F7	F8_	F9	F10			
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	7	8	14	9	10	11	12	15_	22	20			
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* Probable site ** Possible site

*** Suspect site

N Negation
ID Identification only

C Completed site

+ Control site

REMARKS:

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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

GLADKAYA ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	Gl	G2	G3	G4	G5+	G6	G 7	G8	G9	G10*			
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	16	17	18	21	23	24	19	40	39	38			
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* Probable site

REMARKS:

** Possible site *** Suspect site

N Negation
ID Identification only
C Completed site

+ Control site

Approved For Release 2003/09/30-1 IA-RDP78T05161A001000010068-4 CIA/PIK-71021 DDI IMAGERY ANALYSIS STAFF GLADKAYA ICBM COMPLEX SITE CONSTRUCTION STATUS LAUNCH SITE Н8 Н6 H7 H4 H5 Н9 H10 H1+ H2 Н3 PREVIOUS DESIGNATION TDI SITE DESIGNATION 36 34 33 29 31 26 25 27 28 30 CONSTRUCTION STAGE MISSION/DATE Χ1 * Probable site **REMARKS**: First Site 31 was negated on ** Possible site seen on and was identified on *** Suspect site N Negation ID Identification only C Completed site + Control site

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GLADKAYA ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE		T1+										Х
PREVIOUS DESIGNATION												 _
TDI SITE DESIGNATION	41	35	42	43	1414	45	47	48	58 **			59
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REMARKS:			
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^{**} Possible site

^{***} Suspect site

N Negation
ID Identification only
C Completed site

⁺ Control site

			·	DDI 1M	AGERY	LLANALYS	IS STA	FF			CIA/P	IR -7 10	021
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				ITE C									
LAUNCH SITE	J1												
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	49+	50	51	52	53	54	55	56					
MISSION/DATE	CONSTRUCTION STAGE												
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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

IMENI GASTELLO ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	Al+	A2	A3	A4	A5	<u>A</u> 6			Bl+	B2_	В3	B4	B5	в6
PREVIOUS DESIGNATION		E	F	C	В	A			G_	H	K	L	J	I_
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^{*} Probable site

** Possible site

*** Suspect site

N Negation

ID Identification only C Completed site

+ Control site

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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

IMENI GASTELLO ICBM COMPLEX

SITE CONSTRUCTION STATUS

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	Q 17 6A 6B	Q R 17 18	C1+ C2 C3 Q R O 17 18 15 6A 6B 6A 6A	C1+ C2 C3 C4 Q R O N 17 18 15 14 CON 6A 6B 6A 6A	C1+ C2 C3 C4 C5 Q R O N M 17 18 15 14 13 CONSTRU 6A 6B 6A 6A	C1+ C2 C3 C4 C5 C6 Q R O N M P 17 18 15 14 13 16 CONSTRUCTION 6A 6B 6A 6A	C1+ C2 C3 C4 C5 C6 Q R O N M P 17 18 15 14 13 16 CONSTRUCTION STA 6A 6B 6A 6A .	C1+ C2 C3 C4 C5 C6 X Q R O N M P	Q R O N M P	C1+ C2 C3 C4 C5 C6 X Q R O N M P 17 18 15 14 13 16 21 CONSTRUCTION STAGE 6A 6B 6A 6A	C1+ C2 C3 C4 C5 C6 X Q R O N M P 17 18 15 14 13 16 21 CONSTRUCTION STAGE TD GA 6B 6A 6B 6B 6A 6B 6B 6A 6B	C1+ C2 C3 C4 C5 C6 X Q R O N M P 17 18 15 14 13 16 21 CONSTRUCTION STAGE TD 6A 6B 6A 6A TD TD	C1+ C2 C3 C4 C5 C6 X Q R O N M P 17 18 15 14 13 16 21 CONSTRUCTION STAGE TD 6A 6B 6A 6A

* Probable site

REMARKS:

** Possible site *** Suspect site

N Negation
ID Identification only
C Completed site

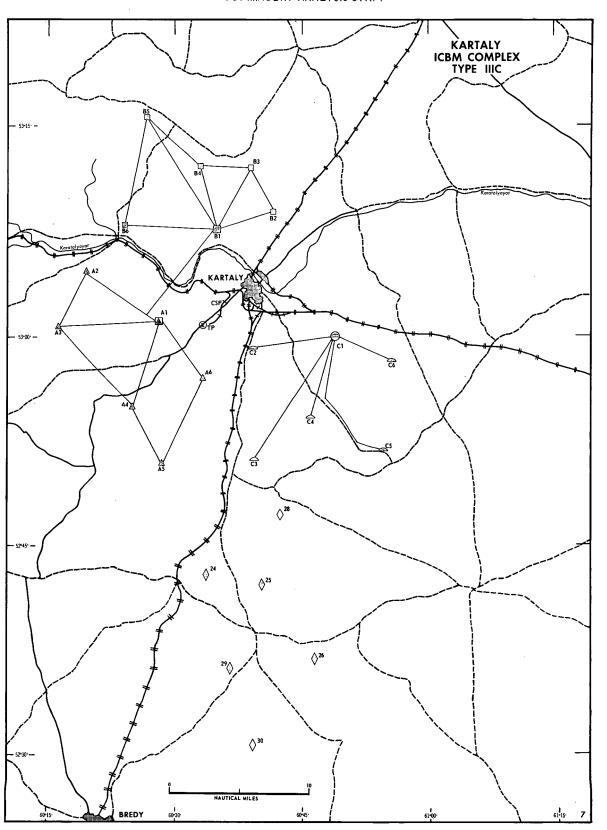
+ Control site

MENI GASTELLO ICBM COMPLEX SITE CONSTRUCTION STATUS				•		AGERY A					1		TK - /⊤		
LAUNCH SITE PREVIOUS DESIGNATION TDI SITE DESIGNATION 20 19 22 23* 24 MISSION/DATE CONSTRUCTION STAGE			1								X				
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* Probable site REMARKS: Site 24 was negated on	* Droboble site	2544	Divo:				<u> </u>			<u> </u>		+			

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DDI IMAGERY ANALYSIS STAFF



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		DDI IMAGERY ANA	LYSIS STAFF	CIA/PIR-71021

KARTALY ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	Al+	A2	А3	Αlμ	A5	A6			B1+	B2	В3	B4	B5	в6_
PREVIOUS DESIGNATION		F	E	С	D_	В	1		Н	G	J	K	P	I
TDI SITE DESIGNATION	1	6	5	3	4	2			8	7	12	11	13	10
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* Probable site

** Possible site *** Suspect site

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N Negation
ID Identification only
C Completed site
+ Control site

REMARKS:

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DDI IMAGERY ANALYSIS STAFF

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KARTALY ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	Cl+	C2	c3	C4	C5	c6		Х					
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TDI SITE DESIGNATION	14	15	18	19	21	20		27					
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^{*} Probable site

** Possible site

^{***} Suspect site
N Negation
ID Identification only
C Completed site

⁺ Control site

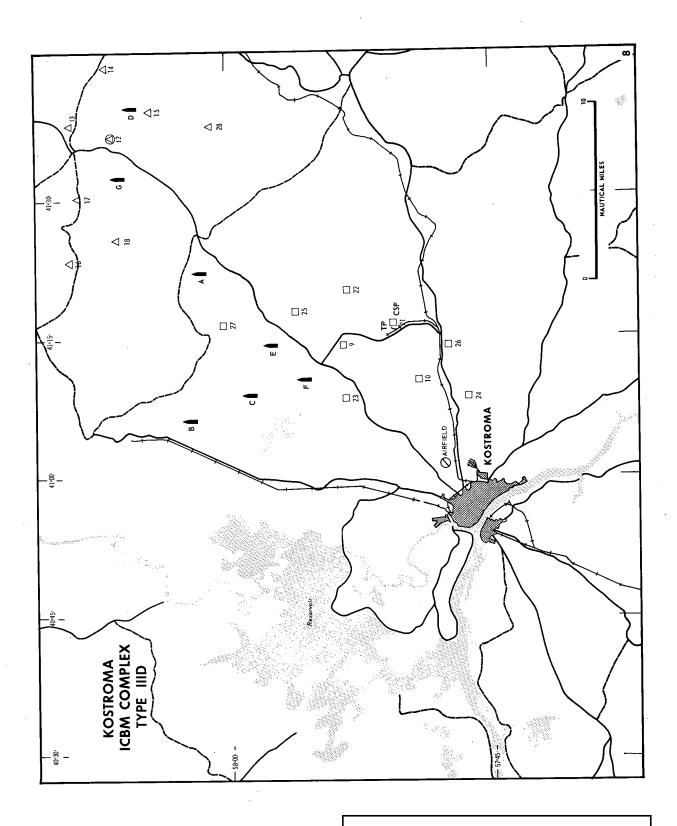
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LAUNCH SITE													
PREVIOUS DESIGNATION													ļ
TDI SITE DESIGNATION	24	2 5	26	28	29	30							
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DDI IMAGERY ANALYSIS STAFF



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						ICB RUCT								
LAUNCH SITE					1	1					-	1		
PREVIOUS DESIGNATION													-	
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* Probable site ** Possible site *** Suspect site N Negation ID Identification only C Completed site + Control site														

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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

KOSTROMA ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE							,							
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	12 +	13*	14	15	16**	17	1 8	28						
MISSION/DATE				CON	STRU	CTION	STA	GE						
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REMARKS:	Sites 17	&	<u> 18</u>	were	first	_seen	on	and
	negated	on						i

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^{**} Possible site

^{***} Suspect site

N Negation

ID Identification only

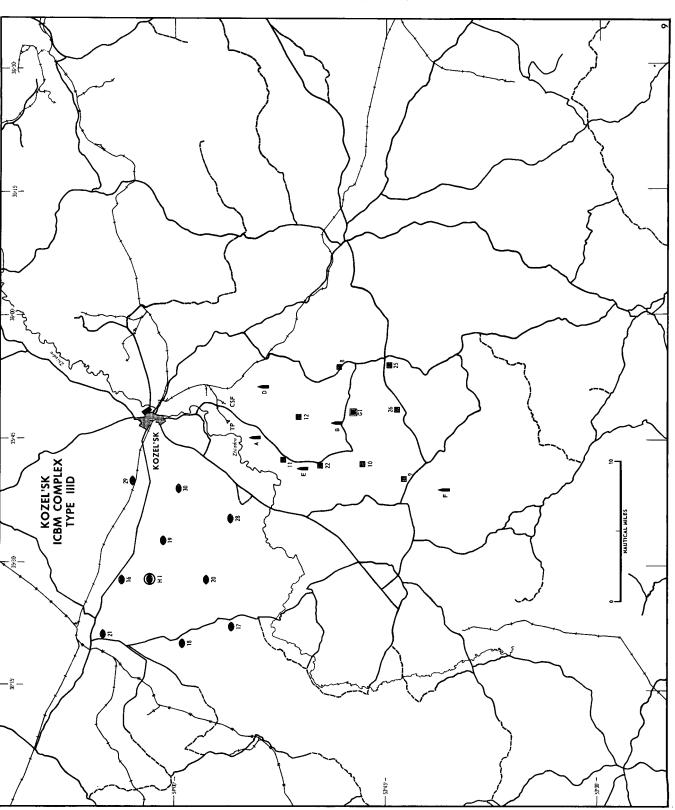
C Completed site

⁺ Control site

Approved For Release 3903/20182+ CIA-RDP78T05161A001000010068-4

CIA/PIR-71021

DDI IMAGERY ANALYSIS STAFF



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	DDI IMAGERY ANA	LYSIS STAFF	CIA/PIR-71021

KOZELSK ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	H]+													
PREVIOUS DESIGNATION				<u> </u>										
TDI SITE DESIGNATION	15	16	19	20	18	21*	2 9	30	2 8	17	ļ 			
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^{*} Probable site

** Possible site

*** Suspect site

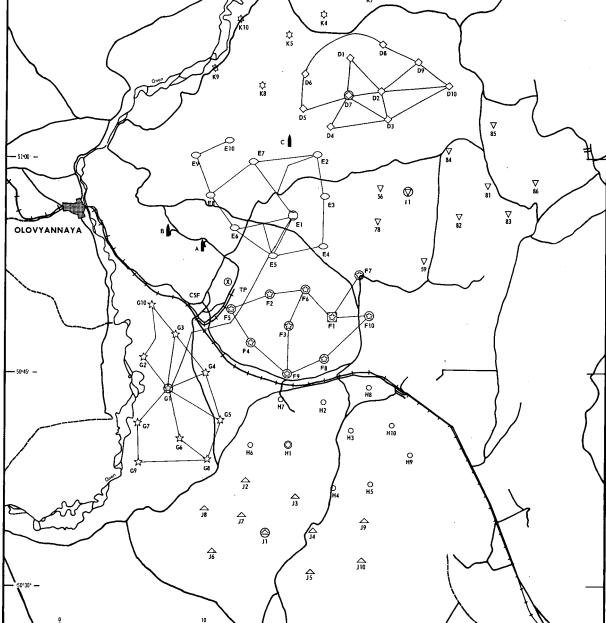
N Negation

ID Identification only

C Completed site

⁺ Control site

Approved For Release 2003/29/302-CIA-RDP78T05161A001000010068-4 CIA/PIR-71021 DDI IMAGERY ANALYSIS STAFF 115°30° 51°15 OLOVYANNAYA ICBM COMPLEX TYPE IIID **☆** K3 . (7) ‡; Κ8



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			DDI IM	AGERY	ANALY	SIS STA	FF		C	IA/P	IR -7 102
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		OLOV									
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LAUNCH SITE	X+	Dl	D2	D3	D4	D5	D6	D7+	D8	D9	DIO
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TDI SITE DESIGNATION	24	14	5	7	8	9	10	6	12	13_	11_
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** Possible site

*** Suspect site

N Negation
ID Identification only
C Completed site
+ Control site

REMARKS:

^{*} Probable site

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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

OLOVYANNAYA ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	E 1 +	F:2	E3	F.4	E5	E6	E7	E8	E9	E10		
PREVIOUS DESIGNATION	1								1-1-1-2			
TDI SITE DESIGNATION	17	14	1 5	16	19	18	20	21	22	23		
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^{*} Probable site ** Possible site

REMARKS:

^{***} Suspect site

N Negation

ID Identification only C Completed site

⁺ Control site

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OLOVYANNAYA ICBM COMPLEX SITE CONSTRUCTION STATUS

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LAUNCH SITE	F1+	F2	F3	F4	F5_	F6	F7	F8	F9	FlO					
PREVIOUS DESIGNATION	<u>F7</u>						Fll								
TDI SITE DESIGNATION	40	35	3 6	37	38	39_	41	43	44	42					
MISSION/DATE		CONSTRUCTION STAGE													
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^{*} Probable site ** Possible site *** Suspect site

N Negation
ID Identification only
C Completed site

⁺ Control site

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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

OLOVYANNAYA ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	Gl+	G 2	G 3	G4	G5	G6	G7	G8	G9	GlO	 	
PREVIOUS DESIGNATION												
TDI SITE DESIGNATION	2 5	2 6	27	2 8	29	30	31	32	33_	34		
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* Probable site

^{**} Possible site

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N Negation
ID Identification only
C Completed site

⁺ Control site

OLOVYANNAYA ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	H1+	H2	Н3	H4	H5	н6	н7	н8	Н9	H10					
PREVIOUS DESIGNATION															
TDI SITE DESIGNATION	46	47	49	50	57	45	51	48	52	58					
MISSION/DATE		CONSTRUCTION STAGE													
	ID	ID	ID	ID	ID	ID	ID_	ID	ID	ID					
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^{*} Probable site

** Possible site

*** Suspect site

N Negation

ID Identification only

C Completed site

+ Control site

REMARKS:

Approved For Release 2003/09/30

DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

¢IA-RDP78T05161A001000010068-4

OLOVYANNAYA ICBM COMPLEX

SITE CONSTRUCTION STATUS

	1	T		1 - 0	1	KUC I	1011 3	1710	<u> </u>		 		·
LAUNCH SITE	<u> </u>												
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	55	84 *	<u>81*</u>	82 **	59	78	56	85	86	83*			
MISSION/DATE				CON	STRU	CTIO	N STA	GE					
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* Probable site

REMARKS:

** Possible site

*** Suspect site

N Negation

ID Identification only

C Completed site

+ Control site

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Approved	For F	Release	2003/	29/30:1	-¢IA-RDI	P78 ⁻
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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

OLOVYANNAYA ICBM COMPLEX

SITE CONSTRUCTION STATUS

	SITE CONSTRUCTION STATES													
LAUNCH SITE	Ј 1+	Ј2	J3_	ј4	J5	ј6	J7_	Ј8	J9	J10				
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	60	61	62	74	76	.65	64	<u>73</u>	75	77				
MISSION/DATE				CON	STRU	CTIO	N STA	GE						
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REMARKS:

^{*} Probable site ** Possible site *** Suspect site

N Negation
ID Identification only
C Completed site
+ Control site

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	DOL WACERY AND	AL VEIC STAFE	CTA/PIR-7102]

OLOVYANNAYA ICBM COMPLEX

SITE CONSTRUCTION STATUS

			5	ITE C	ONZTI	RUCT	ON 2	IAIU	2				•
LAUNCH SITE	Kl+	K2	кз	K4	K5	кĠ	K7_	к8	К9	K10_			
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	63	179	80	72	68	70	71	69	67	66			
MISSION/DATE				CON	STRU	CTIOI	N STA	GE					
												, ,	
	ID 6A	ID	ID	n	ID	ID	ID	ID	ID	ID			
	6A 6B	5	4A	14A	.5	5	4 _A	5_	5_	5			
	6B 6A 6B	5	4 <u>A</u>	4 <u>A</u>	ID	5	4 _A	5_	5	5			
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^{*} Probable site

^{**} Possible site *** Suspect site

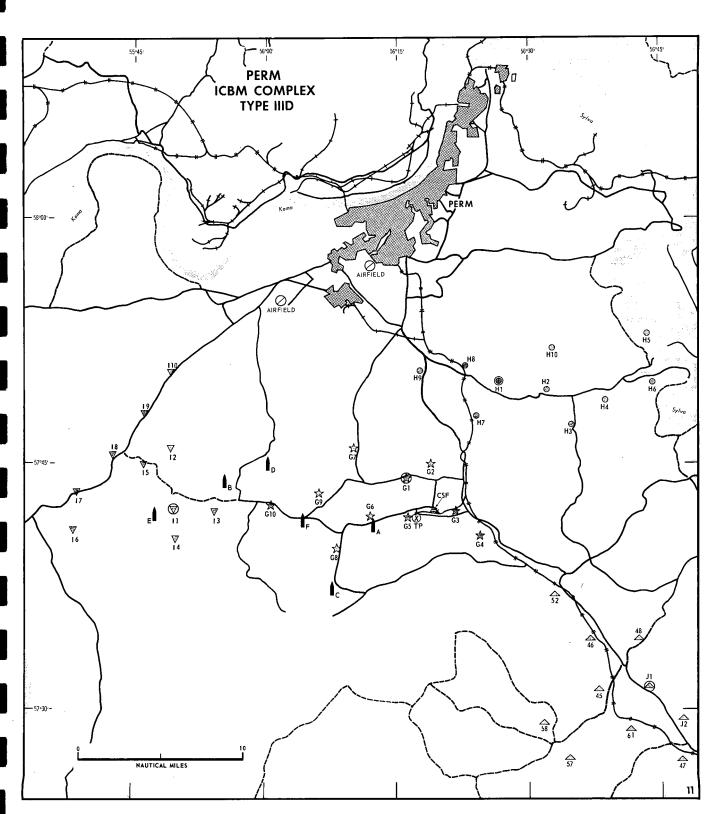
N Negation

ID Identification only
C Completed site
+ Control site

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CIA/PIR-71021

DDI IMAGERY ANALYSIS STAFF



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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

PERM ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	G 1 +	G2	G3	G4	G5	G6	G 7	G8	G9	GlO			
PREVIOUS DESIGNATION	7+	20	12	1 5	13	1	8	14	5	2			1
TDI SITE DESIGNATION	13		18	23	19	15	12	20	11	7			1
MISSION/DATE	=	1				CTION	-			 		 	7
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^{*} Probable site

** Possible site

*** Suspect site
N Negation
ID Identification only
C Completed site

+ Control site

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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

PERM ICBM COMPLEX

SITE CONSTRUCTION STATUS

					011311	10011	011 0	17110		т — —	,		 ·
LAUNCH SITE	H1+	н2	Н3	H ¹ 4	H5	н6	_H7_	н8	Н9	HlO			
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	29	30	31	32	33	34	36	59	40	42			
MISSION/DATE			.,	CON	STRU	CTION	ISTA	GE					
-	ID	ID	_ID	ID	TD	ID	TD	TD.		ID			,
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^{*} Probable site

^{**} Possible site

^{***} Suspect site

N Negation
ID Identification only
C Completed site

⁺ Control site

Approved For Release App 3 (12) 101-10

DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

PERM ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	J 1 +	J2											Х
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	49	51	47	61 **	45	57 *	58 **	46	48**	· 52*			60
MISSION/DATE				CON	STRU	CTIO	N STA	GE					
			,										
	ID	ID	ID	ID	ID	ID	ID	D	ID	ID			ID
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^{*} Probable site ** Possible site *** Suspect site

N Negation
ID Identification only
C Completed site

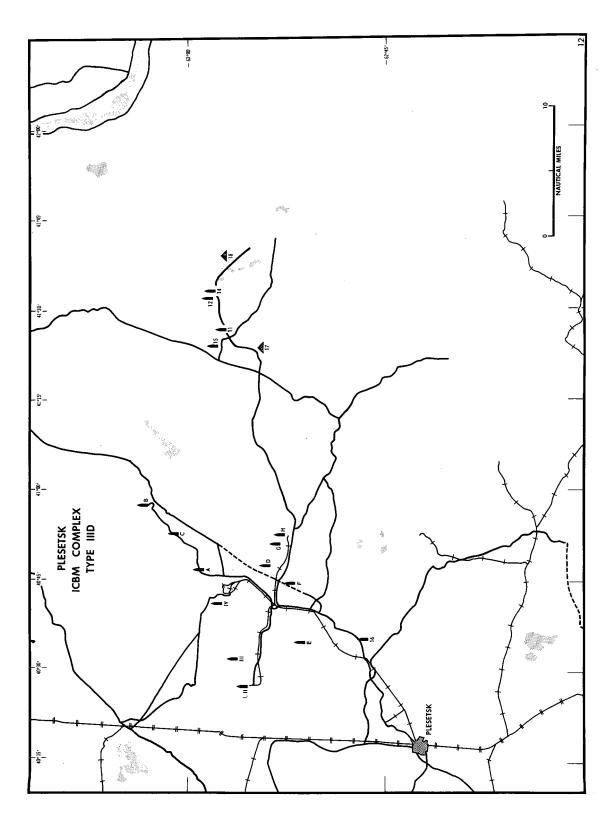
⁺ Control site

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DDI IMAGERY ANALYSIS STAFF



Approved For Release 2003/09/30 - CIA-RDP78T05161A001000010068-4

DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

PLESETSK ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE														
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	17	18 **												
MISSION/DATE				CON	STRU	CTIO	N STA	GE						
	4 <u>A</u>	ID												
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REMARKS: Site 17 was first seen in Stage 1 on nd was negated on Site 18 was negated on

25X²

^{**} Possible site

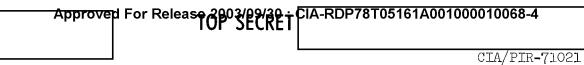
^{***} Suspect site

N Negation

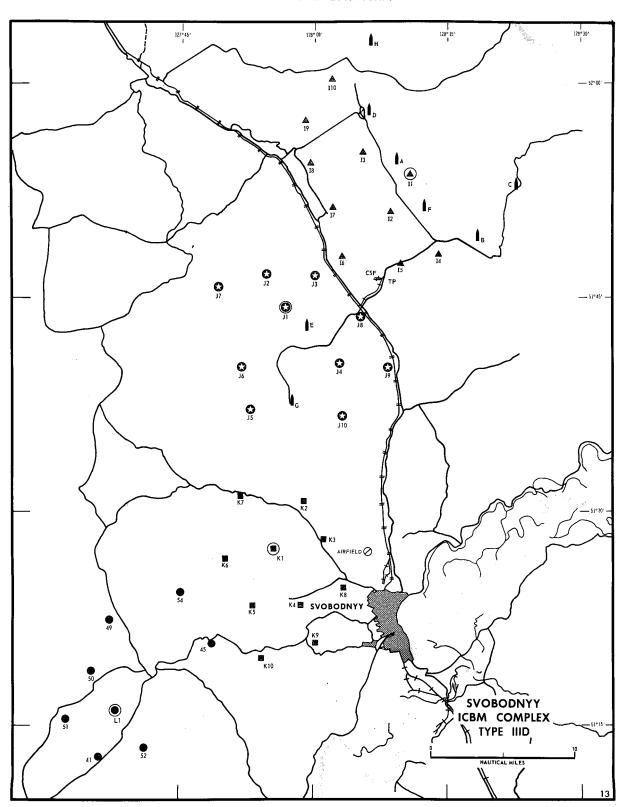
ID Identification only

C Completed site

⁺ Control site



DDI IMAGERY ANALYSIS STAFF



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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

SVOBODNYY ICBM COMPLEX

SITE CONSTRUCTION STATUS

				1										
LAUNCH SITE	I1+	<u>12</u>	I3	<u>T</u> 4_	I5.	<u>1</u> 6	17	18	<u>19</u>	IlO				
PREVIOUS DESIGNATION														<u> </u>
TDI SITE DESIGNATION	11	14_	1 5	23	10	12	16	17	21	22				
MISSION/DATE			,	CON	STRU	CTION	I STA	GE						
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^{*} Probable site

^{**} Possible site

^{***} Suspect site

N Negation ID Identification only

C Completed site

⁺ Control site

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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

SVOBODNYY ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	J 1 +	Ј2	J3	J4	J5	ј6	J 7	ј8	J9	J10		
PREVIOUS DESIGNATION											:	
TDI SITE DESIGNATION	1 8	46 ** _	1 9	_ 3 8	43	42	4 7 *	32	31	53		
MISSION/DATE				CON	STRU	CTION	I STA	GE				
	ID 6B	Ņ	7	5	lĎ –	ЦΑ	. N _	7	7	N		
	ID 5B	ID	7	ID	ID	ID.	ID	ID	7			
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^{*} Probable site ** Possible site *** Suspect site

REMARKS: Site 44 has been dropped.

N Negation

ID Identification only

C Completed site

⁺ Control site

Approved For Release 2003/89/86

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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

SVOBODNYY ICBM COMPLEX

SITE CONSTRUCTION STATUS

											 ·		
LAUNCH SITE	Kl+	К2	К3	K4	K5_	к6	K7	к8	К9	KlO			
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	25	24	9	27	2 6	2 9	30	34	36	37			
MISSION/DATE			•	CON	STRU	CTIO	N STA	GE	A				
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^{*} Probable site

^{**} Possible site

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N Negation

ID Identification only

C Completed site

⁺ Control site

DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

SVOBODNYY ICBM COMPLEX

SITE CONSTRUCTION STATUS

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LAUNCH SITE	Ll													
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	40+	41	45*	49*	50 *	51	52	54*						
MISSION/DATE				CON	ISTRU	CTIO	N STA	GE						-
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* Probable site														

* Probable site

** Possible site

*** Suspect site

N Negation
ID Identification only

C Completed site

+ Control site

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Approved For Release 2003/09/30 CIA-RDP78T05161A001000010068-4 CTW/ BIK-1105T DDI IMAGERY ANALYSIS STAFF TATISHCHEVO ICBM COMPLEX TYPE IIID ★ 137 • 115 * 108 127 **O ☆** 126 **Q** () 132 0 **O** F10 134 TATISHCHEVO

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C3

DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

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TATISHCHEVO ICBM COMPLEX

SITE CONSTRUCTION STATUS

SITE CONSTRUCTION STATUS														
LAUNCH SITE	χ+		Al+	A2	A3	A ¹ 4	A5	A6	A7	A8	A9	Alo		
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	35		1_1	2	3	11	. 5	6	7	8	9	10		
MISSION/DATE	CONSTRUCTION STAGE													
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^{*} Probable site

^{**} Possible site

*** Suspect site

N Negation
ID Identification only
C Completed site

⁺ Control site

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CIA/PIR-71021

TATISHCHEVO ICBM COMPLEX

DDI IMAGERY ANALYSIS STAFF

SITE CONSTRUCTION STATUS

SITE CONSTRUCTION STATUS														
LAUNCH SITE	Bl	B2+	В3	В4	B5	в6	В7	в8	В9_	B 1 0			i	
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	14	12	17	1 5	16	19	13	2 9	21	30				
MISSION/DATE	. CONSTRUCTION STAGE													
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^{*} Probable site ** Possible site *** Suspect site

N Negation
ID Identification only
C Completed site

⁺ Control site

* Probable site

** Possible site

*** Suspect site

N Negation

ID Identification only

REMARKS:

C Completed site

+ Control site

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	DDI IMAGERY ANA	ALYSIS STAFF	CIA/PIR-71021

SITE CONSTRUCTION STATUS

	SITE CONSTRUCTION STATUS													
LAUNCH SITE	D1	D2	D3	D4	D5	D6+	D7	D8	D9	DlO				
PREVIOUS DESIGNATION						C10								
TDI SITE DESIGNATION	3 8	40	39	41	42	36	73	72	54	37				
MISSION/DATE		•		CON	STRU	CTIOI	N STA	GE						
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^{*} Probable site ** Possible site *** Suspect site

REMARKS:

N Negation
ID Identification only
C Completed site

⁺ Control site

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		DDI IMAGERY ANA	ALYSIS STAFF	CIA/PIR-71021

SITE CONSTRUCTION STATUS

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LAUNCH SITE	El		E3	E4+										
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	45	82	47	77	76	100	80	120	122_	103				
MISSION/DATE				CON	STRU	CTION	N STA	GE						
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	ID	ID	ID	7 6 <u>B</u> 9	ID	ID	ID	ID	ID	ID				
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^{*} Probable site

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** Probable site

** Possible site

*** Suspect site

N Negation
ID Identification only
C Completed site

+ Control site

REMARKS:

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Approved For Release 2003/29/

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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

TATISHCHEVO ICBM COMPLEX

SITE CONSTRUCTION STATUS

<u> </u>	SITE CONSTRUCTION STATUS													
LAUNCH SITE	F1+	F2	F3	F4	F5	F6	F7	F8*	F9	F10				
PREVIOUS DESIGNATION													,	
TDI SITE DESIGNATION	58	59	5 1	89	61	62	63	65	66	90				
MISSION/DATE				CON	STRU	CTION	N STA	GE						
	ID	9	ID	ID	. 9	9	9	ID	9	9				
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^{*} Probable site ** Possible site

REMARKS:

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^{***} Suspect site

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ID Identification only

C Completed site

⁺ Control site

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		DDI IMAGERY ANA	ALYSIS STAFF	CIA/PIR-71021

SITE CONSTRUCTION STATUS

SIL CONSTRUCTION STATUS														
LAUNCH SITE	G1+_											-		
PREVIOUS DESIGNATION														
TDI SITE DESIGNATION	67	97	88	75	92	98	105	106	108	131	137			
MISSION/DATE	ı			CON	STRU	CTIO	N STA	GE						
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	9 6B	ID	9	9	9	9	ID	9	9	5	ID			
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* Probable site	
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REMARKS: Sites 131 and 137 were negated on ** Possible site

^{***} Suspect site
N Negation
ID Identification only
C Completed site
+ Control site

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Approved	For Release 2003/09/30: T	CIA-RDP78T05161A	.001000010068-4
	DDI IMAGERY AN	ALYSIS STAFF	CIA/PIR-71021

SITE CONSTRUCTION STATUS

			21	TE C	DN211	RUCT	ON 2.	IAIU	2				
LAUNCH SITE	H1+												
PREVIOUS DESIGNATION				·						G4			
TDI SITE DESIGNATION	8 1	99	1 09	111	112	115	117	118	123				
MISSION/DATE						CTIO							
	6A 6B ID 6B	6A ID	6A	ID	6A ID	ID ID	6A.	4A	3 TD	9			
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^{*} Probable site

** Possible site

REMARKS:

^{***} Suspect site

N Negation
ID Identification only
C Completed site

⁺ Control site

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				SHCI ITE C										
LAUNCH SITE	I1+		<u>ي</u>		UNST	NOC 1	lon 3	1710	3					Ī
PREVIOUS DESIGNATION								,						
TDI SITE DESIGNATION	91	86	83	84	85	93	74	104	136	110				T
MISSION/DATE		CONSTRUCTION STAGE												
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* Probable site ** Possible site *** Suspect site N Negation ID Identification only C Completed site	REMARI	(S: Si	te l		s fir	st se	een o	n [•		and	negat	sed on	1

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	DDI IMAGERY ANALY	YSIS STAFF	CIA/PIR-71021

SITE CONSTRUCTION STATUS

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LAUNCH SITE	J <u>1</u> +												
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	94	95	96	119	101	102	126	127	128	129			
MISSION/DATE				CON	STRU	CTION						•	
		6A		6A	6A	6A							
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REMARKS: Sites 126-129 were negated on

^{**} Possible site *** Suspect site

N Negation
ID Identification only
C Completed site
+ Control site

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		7	TAT I	SHCF	IEVO	ICB	M C	OMP	LEX				
		•		ITE C									
LAUNCH SITE		K1+											
PREVIOUS DESIGNATION				-									
TDI SITE DESIGNATION	121	124	125	132*	133	134*							
MISSION/DATE			124 125 132* 133 134*								·		
	1. 0	Τ											
	4 <u>A</u>					N							
	ID	ID ID 4B	ID	ID	ID	ID							
	4 <u>A</u>	4.13	ID	ID	5	ID							
									 				
									<u> </u>				
												-	
		 											
							12.						
		1					1						
	1												
		<u> </u>											
* Probable site ** Possible site	REMAF	KS: Si	tes 1	24. 7	25.	132.	and 1	33 w	ere n	egate	d on		

Approved For Release (2003) (2012) CIA-RDP78T05161A001000010068-4

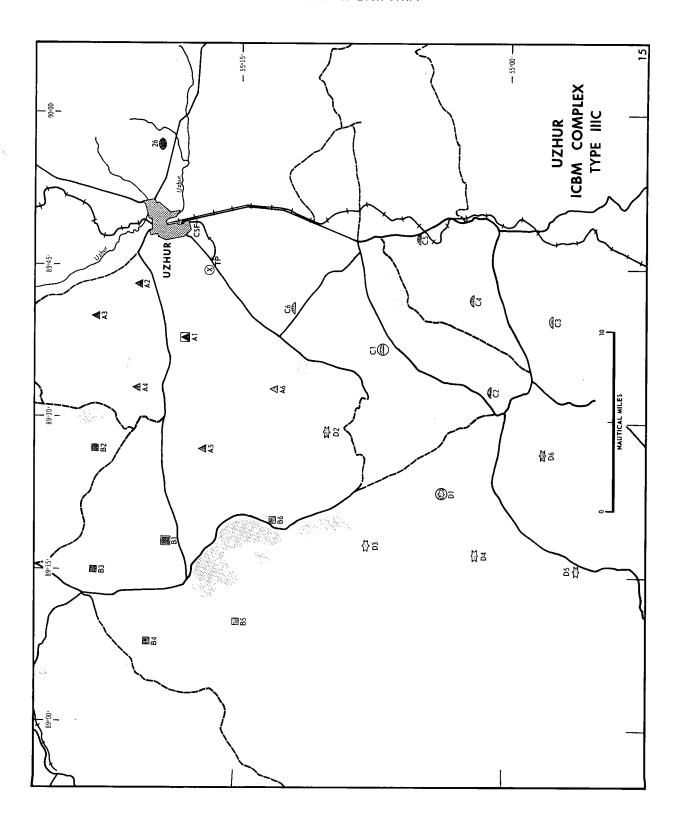
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CIA/PIR-71021

UZHUR ICBM COMPLEX

SITE CONSTRUCTION STATUS

			J1		01/2 1	10011	UII 3	1710	-			. ———	 1	
LAUNCH SITE	Al+	A2	A3	A ¹ 4	A5	A6			B <u>1</u> +	в2	B3	B ¹ 4	B5_	в6
PREVIOUS DESIGNATION	11	Α	Ŧ	C	D_	E			H	G	N_	J_	K	I_
TDI SITE DESIGNATION	2	1_	6	3	4	5			8	7	14	10	11	9_
MISSION/DATE		·		CON	STRU	CTION	STA	GE						
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REMARKS:

* Probable site ** Possible site *** Suspect site

N Negation
ID Identification only
C Completed site
+ Control site

Approved	For Release 2903/99/39 † 0	IA-RDP78T05161A001000010068-4

CIA/PIR-71021

UZHUR ICBM COMPLEX

SITE CONSTRUCTION STATUS

			SI	TE C	ON211	RUCTI	ON 2	TATUS)				
LAUNCH SITE	Cl+	C2		C4	C5	¢6		χ+					
PREVIOUS DESIGNATION	l	P	R	ବ	0	M		S		 _			
TDI SITE DESIGNATION	12	16	18	17	15	13		19					
MISSION/DATE				CON	STRU	CTION	N STA						
	С 6в	C						4 <u>A</u>					
_	С 6в							4A					
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^{*} Probable site ** Possible site

REMARKS:

^{***} Suspect site

N Negation

ID Identification only C Completed site

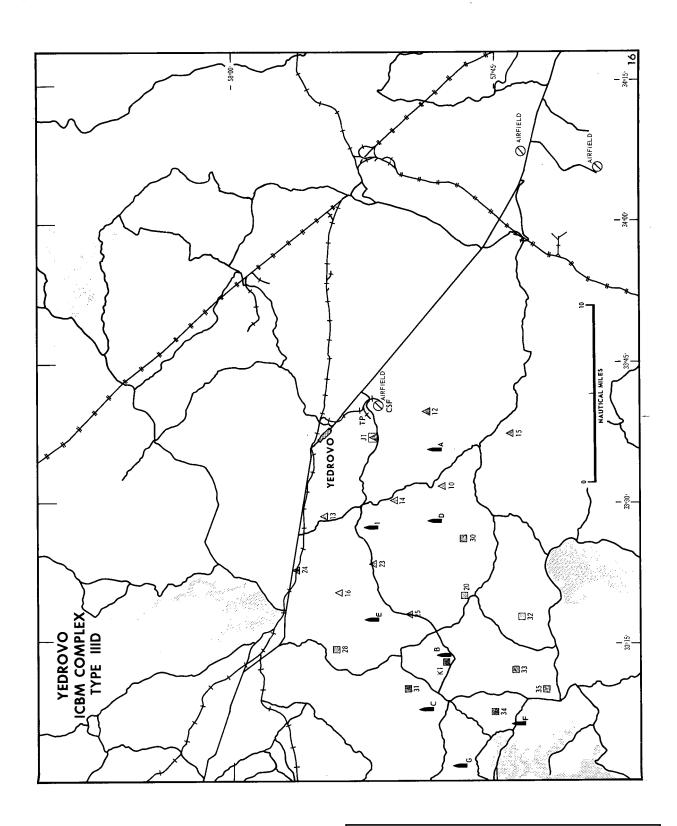
⁺ Control site

				DDI IN	MAGERY	ANALY	SIS ST	\FF		CIA/	PIR-710)2 1	
								PLEX					
AUNCH SITE	D1+	D2	D3	D4	ONST D5	RUCT D6	ION S	TATU:	S				
REVIOUS DESIGNATION	U	I DC	1 103	m m		A DO							
DI SITE DESIGNATION	21	25	5h	50	W 23	22			26				
MISSION/DATE	<u></u>	CONSTRUCTION STAGE											
							:						
	ID 6B	5	ID	ID	ID	ID							
	TD								4A				
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* Probable site ** Possible site ** Suspect site N Negation ID Identification only C Completed site + Control site									· · · · · ·	Γ	'		

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YEDROVO ICBM COMPLEX

SITE CONSTRUCTION STATUS

			31		711211	(UU 11	ON 3	IAIU	ა 				
LAUNCH SITE	J 1 +										,,,		
PREVIOUS DESIGNATION													
TDI SITE DESIGNATION	11+	10	12	13	14	1 5	16_	23	24	25			
MISSION/DATE				CON	STRU	CTION	ISTA	GE					
	ID 6B	ID	9	9	ID	ID	ID	9	9	D	_		
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^{*} Probable site

REMARKS:

** Possible site

*** Suspect site

N Negation

ID Identification only

C Completed site

+ Control site

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Approved for release English at the	
Approved For Release 2003/29/20	

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YEDROVO ICBM COMPLEX

SITE CONSTRUCTION STATUS

			31	IEU	ON2 I	1001	ON 2	IAIU	3	 	 	
LAUNCH SITE		Kl+					·					
PREVIOUS DESIGNATION												
TDI SITE DESIGNATION	20	27	2 8	30	31*	32	33	34 *	35			
MISSION/DATE				CON	STRU	CTIOI	N STA	GE		 		
_	ID	ID 6B	ID	ID	ID.	ID	ID	ID	7		 	
_												
											 :	

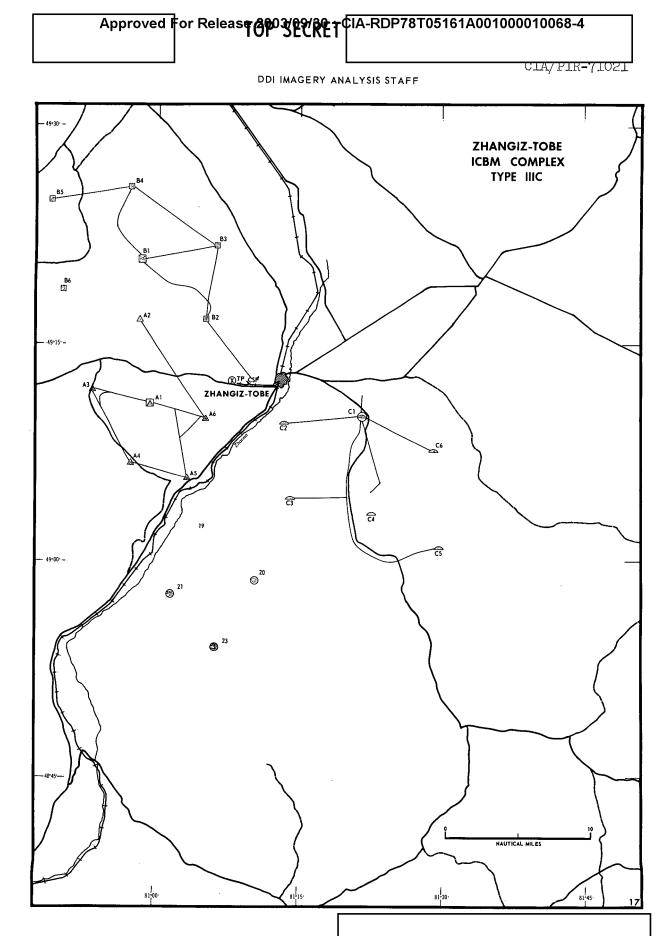
^{*} Probable site ** Possible site *** Suspect site

REMARKS:

N Negation

ID Identification only C Completed site

⁺ Control site



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ZHANGHIZ TOBE ICBM COMPLEX

SITE CONSTRUCTION STATUS

			0,		3,10.	10011			— т					
LAUNCH SITE	Al+	A2	А3	A4	A5	A6		-	B1+	B2	В3	В4	B5	в6
PREVIOUS DESIGNATION		В	E	4	D	С	ļ .		J	_K	<u> </u>	<u>H</u> _	T_	G
TDI SITE DESIGNATION	1	2	3	6	5_	4	L .		10	11	12	8_	9	7
MISSION/DATE		<u></u>			STRU	CTIO	N STA	GE						
									С					
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REMARKS:

* Probable site

** Possible site

*** Suspect site

N Negation
ID Identification only
C Completed site

+ Control site

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ZHANGHIZ TOBE ICBM COMPLEX

SITE CONSTRUCTION STATUS

			21	IE C	11 CNC	RUCTI	ON 2	IAIU	ა					
LAUNCH SITE	C1+	C2	C 3	C4	C5	c6								X
PREVIOUS DESIGNATION		N	P	Q	R	0								
TDI SITE DESIGNATION	14	13	1 8	1 6	17	15	,	19	20	21	23			22
MISSION/DATE		CONSTRUCTION STAGE												
;														N
		ID	ID		,			TD	ID		1			3
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*	Probable s	itο
	rioname 5	116

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REMARKS: Site 23 was negated on

^{*} Probable site

** Possible site

*** Suspect site

N Negation
ID Identification only

C Completed site

⁺ Control site

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TYURATAM MISSILE TEST CENTER

SITE CONSTRUCTION STATUS

			2	ITE C	0N2 I	RUCT	ION 2	IAIU	2					
LAUNCH SITE														
PREVIOUS DESIGNATION		A3	В2			G7+								
TDI SITE DESIGNATION	<u>Tl</u> +	I4	I5	Kl	к2	K3+	16	I2	I3	17	Ml	M2	М3	
MISSION/DATE		CONSTRUCTION STAGE												
								3	3	3			3	
							3	3	3	3	3	3	3	
							3	3	3	3			•	
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					······································									

* Probable site ** Possible site *** Suspect site

REMARKS:

N Negation
ID Identification only
C Completed site

+ Control site

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TOP SECRET

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ALEYSK ICBM COMPLEX

TDI No.	Remarks
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	Confirmed Confirmed Abandoned Confirmed
18	Confirmed

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CIA/PIR-71021

DOMBAROVSKIY ICBM COMPLEX

TDI No.	Rema	rks
1	Confirmed	
1 2 3 4 5 6	Confirmed	
3	Confirmed	
4	Confirmed	
5	Dropped	
6	Confirmed	
7 · 8	Confirmed	
	Confirmed	
9 10	Confirmed	
	Confirmed	
11	Confirmed	
12	Confirmed	
13	Confirmed	
1 ⁾ +	Confirmed	
15	Confirmed	
16	Confirmed	
17	Confirmed	
18	Confirmed	
19	Confirmed	
20	Undetermined	Ground
0.5	Scarring	
21	Confirmed	
22	Confirmed	
23	Confirmed	
24	Confirmed	
2 5	Confirmed	
2 6	Confirmed	
27 28	Dropped	
29	Confirmed	
30	Confirmed	
31	Confirmed Confirmed	
32 32	Confirmed Probable	
33	Confirmed	
<i>)</i>	Contractined	

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DROVYANAYA ICBM COMPLEX

TDI No.	Remarks	TDI No.	Remarks
1	Confirmed (Type II-B Site)	35 36	Confirmed Confirmed
2	Confirmed (Type III-A Site)	37 38	Confirmed Confirmed
3	Confirmed (Type II-D Site)	39 40	Confir m ed Confirmed
4	Confirmed (Type II-D Site)	41 42	Confirmed Confirmed
5	Confirmed (Type III-A Site)	43 44	Confirmed Confirmed
6	Confirmed (Type III-A Site)	45 46	Confirmed Confirmed
7 8	Confirmed Confirmed	47 48	Confirmed Confirmed
9 10	Confirmed Confirmed	49 50	Confirmed Confirmed
11 12	Confirmed Confirmed	51 52	Confirmed Confirmed Confirmed
13 14	Confirmed Confirmed	53 54	Confirmed Confirmed Probable
15 16 17	Confirmed Confirmed Dropped	55 56 57	Probable Confirmed
18 19	Confirmed Confirmed	71	
20 21	Confirmed Confirmed		
22 23	Confirmed Confirmed		
24 25	Confirmed Confirmed		
2 6 2 7	Confirmed Dropped		
2 8 2 9	Confirmed Confirmed		
30 31	Confirmed Confirmed		
32 33 3 ¹ 4	Confirmed Confirmed Confirmed		
>++	COULTIMEA		

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GLADKAYA ICBM COMPLEX

DDI IMAGERY ANALYSIS STAFF

TDI No.	Remarks	TDI No.	Remarks	
1	Abandoned	37	Dropped	
2	Confirmed (Type II-D	38	Probable	
	Site)	39	Confirmed	
3.	Confirmed (Type II-D	40	Confirmed	
	Site)	41	Confirmed	
λ ₊	Abandoned	42	Confirmed	
5	Confirmed (Type III-A	43	Confirmed	
	Site)	7474	Confirmed	
6	Abandoned	45	Confirmed	
7 8	Confirmed	46	Agricultural Activity	
	Confirmed	47	Confirmed	
9	Confirmed	48	Confirmed	
10	Confirmed	49	Confirmed	
11	Confirmed	50	Confirmed	
12	Confirmed	51	Confirmed	
13	Dropped	52	Confirmed	
14	Confirmed	53	Confirmed	
15	Confirmed	54	Confirmed	
16	Confirmed	55	Confirmed	
17	Confirmed	56	Equates to 36 in OAK	
18	Confirmed			25)
19	Confirmed	56	Reassigned to Confirmed	
2 0	Confirmed		Site at 56-23-40N	
21	Confirmed		92-32-20E	
2 2	Confirmed	57 -0	Suspect Site	
2 3 2 4	Confirmed	58	Possible	
	Confirmed	59	Confirmed	
2 5 2 6	Confirmed	60	Suspect Site	
2 0 2 7	Confirmed Confirmed	61	Equates to 31	
28	Confirmed			
2 9	Confirmed			
3 0	Confirmed		•	
30 31	Confirmed			
32	Dropped			
33 - 33	Confirmed	•	•	
34	Confirmed			
35	Confirmed			
36	Confirmed			
J	COLLTINEC			

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DDI IMAGERY ANALYSIS STAFF

CIA/PIR-71021

IMENI GASTELLO ICBM COMPLEX

TDI No.	Remarks
1	Confirmed
2	Confirmed
3	Confirmed
2 3 4 5 6 7 8	Confirmed
5	Confirmed
6	Confirmed
7	Confirmed
8	Confirmed
9	Confirmed
10	Confirmed
11	Confirmed
12	Confirmed
13	Confirmed
14	Confirmed
15	Confirmed
16	Confirmed
17	Confirmed
18	Confirmed
19	Confirmed
20	Confirmed
21	Confirmed
22	Confirmed
23	Probable
24	Confirmed

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KARTALY ICBM COMPLEX

TDI No.	Remarks
1	Confirmed
2	Confirmed
3	Confirmed
2 3 4 5 6	Confirmed
5	Confirmed
6	Confirmed
7 8	Confirmed
	Confirmed
9	Dropped
10	Confirmed
11	Confirmed
12	Confirmed
13	Confirmed
14	Confirmed
15	Confirmed
16	Dropped
17	Dropped
18	Confirmed
19	Confirmed
20	Confirmed
21	Confirmed
22	Agricultural Activity
23	Probable Agricultural
	Activity
24	Confirmed
25	Confirmed
2 6	Confirmed
27	Confirmed
2 8	Confirmed
2 9	Confirmed
30	Confirmed

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DDI IMAGERY ANALYSIS STAFF

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KOSTROMA ICBM COMPLEX

TDI No.	Re	marks	
1	Confirmed Site)	(Туре	II-B
2	Confirmed Site)	(Туре	II-B
3	Confirmed Site)	(Туре	II-B
4	Confirmed Site)	(Туре	II-B
5	Confirmed Site)	(Type	III-A
6	Confirmed Site)	(Type	II-D
7	Confirmed Site)	(Туре	II-D
8	Abandoned		
9	Confirmed		
10	Confirmed		
11	Dropped		
12	Confirmed		
13	Probable		
14	Confirmed		
15	Confirmed		
16	Possible		
17	Confirmed		
18	C o nfirmed		
19	Suspect Si		
20	Suspect Si	Lte	
21	Probable		
22	Probable		
23 24	Confirmed		
	Possible		
25 26	Probable		
	Probable		
2 7 2 8	Probable		
20	Confirmed		

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KOZELSK ICBM COMPLEX

TDI No.	Re	emarks
1	Abandoned	
2	Confirmed	(Type II-C
	Site)	(-01 0
3	Confirmed	(Type II-C
,	Site)	
4		(Type II-C
_	Site)	/-
5		(Type III-B
6	Site)	(Type III-B
O	Site)	(TAbe TII-P
7	Confirmed	
7 8	Confirmed	
9	Confirmed	
10	Confirmed	
11	Confirmed	
12	Confirmed	
13	A Small Ar	rms Range
14	Undetermir	ned Ground
	Scarring	
15	Confirmed	
16	Confirmed	
17	Confirmed	
18	Confirmed	
19	Confirmed	
20 21	Confirmed	
22	Probable Confirmed	
23	Undetermin	barrand bar
2)	Scarring	ied Ground
24	Logging Ac	etivitv
25	Possible	
26	Possible	
27	Probable A	gricultural
	Activity	_
28	Confirmed	
29	Confirmed	
30	Confirmed	
31	Undetermin	ed Ground
	Scarring	

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OLOVYANNAYA ICBM COMPLEX

TDI No.	Remarks	TDI No.	Remarks
1	Confirmed (Type III-A	37	Confirmed
	Site)	38	Confirmed
2	Confirmed (Type III-A	39	Confirmed
	Site)	40	Confirmed
3	Confirmed (Type III-A	41	Confirmed
-	Site)	42	Confirmed
4	Confirmed	43 44	Confirmed
5	Confirmed	44	Confirmed
5 6	Confirmed	45 46	Confirmed
7 8	Confirmed	46	Confirmed
8	Confirmed	47 48	Confirmed
9	Confirmed	48	Confirmed
10	Confirmed	49	Confirmed
11	Confirmed	50	Confirmed
12	Confirmed	51	Confirmed
13	Confirmed	52	Confirmed
14	Confirmed	53 54	Dropped
1 5	Confirmed	54	Dropped
16	Confirmed	55 56	Confirmed
17	Confirmed	56	Confirmed
18	Confirmed	57	Confirmed
19	Confirmed	58	Confirmed
20	Confirmed	59 60	Confirmed
21	Confirmed	60	Confirmed
22	Confirmed	61	Confirmed
23	Confirmed	62	Confirmed
24	Confirmed	63	Confirmed
2 5	Confirmed	64	Confirmed
26	Confirmed	62 63 64 65 66	Confirmed
27	Confirmed		Confirmed
2 8	Confirmed	67	Confirmed
29	Confirmed	68	Confirmed
30	Confirmed	69 7 0	Confirmed
31	Confirmed	70.	Confirmed
32	Confirmed	71	Confirmed
33	Confirmed	72 73	Confirmed
34	Confirmed	73	Confirmed
35	Confirmed	7 ¹ 4	Confirmed
36	Confirmed	75	Confirmed
		76	Confirmed

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OLOVYANNAYA ICBM COMPLEX

TDI No.	Remarks
77 78 79 80 81 82 83 84 85	Confirmed Confirmed Confirmed Confirmed Probable Probable Probable Probable Confirmed Confirmed

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PERM ICBM COMPLEX

TDI NO.	Remarks	TDI No.	Remarks
1	Confirmed (Type II-B Site)	34 35	Confirmed
2	Confirmed (Type II-B	35 36	Confirmed Confirmed
_	Site)	37	Dropped
3	Confirmed (Type II-B	38	Confirmed
3	Site)	39	Confirmed
4	Confirmed (Type III-A	40	Confirmed
	Site)	41	Confirmed
5	Confirmed (Type II-D	42	Confirmed
	Site)	43	Confirmed
6	Confirmed (Type II-D	44	Dropped
	Site)	45	Confirmed
7	Confirmed	46	Confirmed
8	Confirmed	47	Confirmed
9	Dropped	48	Possible
10	Confirmed	49	Confirmed
11	Confirmed	50	Undetermined Ground
12	Confirmed		Scarring
13	Confirmed	51	Confirmed
14	Dropped	52	Probable
15	Confirmed	53	Undetermined Ground
16	Confirmed	,	Scarring
17	Confirmed	54	Undetermined Ground
18	Confirmed		Scarring
19	Confirmed	55	Undetermined Ground
20	Confirmed	~ (Scarring
21 2 2	Dropped	56	Undetermined Ground
23	Confirmed		Scarring
23 24	Confirmed	57 50	Probable
24 2 5	Dropped	58	Possible
2 6	Confirmed	59	Confirmed
20 27	Dropped	60	Confirmed
2 8	Dropped Dropped	61	Possible
2 9	Confirmed		•
30	Confirmed		
31	Confirmed		
32	Confirmed		
33	Confirmed		
			

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SVOBODNYY ICBM COMPLEX

TDI No.	Remarks	TDI No.	Remarks
1	Confirmed (Type II-B Site)	32 33	Confirmed
2	Confirmed (Type II-B Site)	34	Equates to Site 19 Confirmed
3	Confirmed (Type II-B Site)	35 36 37	Dropped Confirmed Confirmed
7+	Confirmed (Type II-D Site)	38 39	Confirmed Borrow Pit
5	Confirmed (Type II-D Site)	40 41	Confirmed Confirmed
6	Confirmed (Type II-D Site)	42 43	Confirmed Confirmed Confirmed
7	Confirmed (Type III-A Site)	44	Possible Logging
8	Confirmed (Type II-D Site)	45 46	Activity Probable Possible
9 10	Confirmed Confirmed	46 47 48	Probable Undetermined Ground
11 12	Confirmed Confirmed Confirmed	49	Scarring Probable
13 14	Equates to Site 10 Confirmed	50 51	Probable Confirmed
15 16	Confirmed Confirmed Confirmed	52 53	Confirmed Confirmed Confirmed
17 18	Confirmed Confirmed Confirmed	54 54	Probable
19 2 0	Confirmed		
21 22	Dropped Confirmed		
23 24	Confirmed Confirmed		
2 5.	Confirmed		
2 6 2 7	Confirmed Confirmed		
2 8 2 9	Borrow Pit Confirmed		
30 31	Confirmed Confirmed		

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TATISHCHEVO ICBM COMPLEX

TDI No.	Remarks	TDI No.	Remarks
1	Confirmed	42	Confirmed
2	Confirmed	43	Dropped
	Confirmed	44	Equates to Site 56
3 4	Dropped	45	Confirmed
5	Confirmed	46	Dropped
5 6	Confirmed	47	Confirmed
7	Confirmed	4 <u>8</u>	Dropped
8	Confirmed	49	Dropped
9	Confirmed	50	Dropped
10	Confirmed	51	Confirmed
11	Confirmed	52	Agricultural Activity
12	Confirmed	53	Dropped
13	Confirmed	54	Confirmed
14	Confirmed	55	Equates to Site 37
15	Confirmed	56	Confirmed
16	Confirmed	57	Confirmed
17	Confirmed	58	Confirmed
18	Dropped	59	Confirmed
19	Confirmed	60	Agricultural Activity
20	Confirmed	61	Confirmed
21	Confirmed	62	Confirmed
2 2	Confirmed	63	Confirmed
23	Dropped	64	Agricultural Activity
24	Confirmed	65	Probable
2 5	Confirmed	66	Confirmed
2 6	Confirmed	67	Confirmed
2 7	Confirmed	68	Agricultural Activity
2 8	Confirmed	69	Agricultural Activity
2 9	Confirmed	70	Dropped
30	Confirmed	71	Confirmed
31	Dropped	72	Confirmed
3 2	Confirmed	73	Confirmed
33	Dropped	74	Confirmed
34	Dropped	75	Confirmed
35	Confirmed	76	Confirmed
3 6	Confirmed	$7\overline{7}$	Confirmed
37	Confirmed	78	Agricultural Activity
38	Confirmed	79	Agricultural Activity
39	Confirmed	80	Confirmed
14O	Confirmed	81	Confirmed
41	Confirmed		

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TATISHCHEVO ICBM COMPLEX

TDI No.	Remarks	TDI. No.	Remarks
82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100 101 102 103 104 105 106 107 108 109 110	Confirmed Confirmed Confirmed Confirmed Confirmed Confirmed Agricultural Activity Confirmed	121 122 123 124 125 126 127 128 129 130 131 132 133 134 135 136 137	Confirmed Probable Confirmed Probable Confirmed Probable Suspect Site Confirmed
108 109	Confirmed Confirmed		
112 113 114 115	Confirmed Dropped Agricultural Activity Confirmed		
116 117 118 119 120	Suspect Site Confirmed Confirmed Confirmed Confirmed		

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UZHUR ICBM COMPLEX

TDI No.	Remarks
1	Confirmed
2	Confirmed
3	Confirmed
4	Confirmed
2 3 4 5 6 7 8	Confirmed
6	Confirmed
7	Confirmed
8	Confirmed
9	Confirmed
10	Confirmed
11	Confirmed
12	Confirmed
13	Confirmed
14	Confirmed
15	Confirmed
16	Confirmed
17	C o nfirmed
18	Confirmed
19	Confirmed
20	Confirmed
21	Confirmed
22	Confirmed
23	Confirmed
24	Confirmed
2 5	Confirmed
2 6	Confirmed

CIA/ PIR-71021

YEDROVO ICBM COMPLEX

TDI No.	Remarks	TDI No.	Remarks
1	Confirmed (Type II-B Site)	32	Confirmed
2	Confirmed (Type II-B Site)	33 34 35	Confirmed Probable
3	Confirmed (Type III-A Site)	35	Confirmed
74	Confirmed (Type II-D Site)		
5	Confirmed (Type II-D Site)		
6	Confirmed (Type II-D Site)		
7	Confirmed (Type II-D Site)		
8	Confirmed (Type III-A Site)		
9	Abandoned		
10	Confirmed		
1 1	Confirmed		
12	Confirmed		
13	Confirmed		
14	Confirmed		
15	Confirmed		
16	Confirmed		
	Dropped		
17 . 18	Dropped		
19	Dropped		
2á	Confirmed		
21	Dropped		
22	Logging Activity		
23	Confirmed		
24	Confirmed		
2 5.	Confirmed		
<u>2</u> 6	Equates to Site 20		
27	Confirmed		
28	Confirmed		
29	Track Activity		
30	Confirmed		
31	Probable		
J.	TIONWHIE		

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TOP SECRET

DDI IMAGERY ANALYSIS STAFF

CLAY PIR- (102)

ZHANGIZ TOBE ICBM COMPLEX

TDI No.	Remarks
1	Confirmed
2	Confirmed
	Confirmed
3 4	Confirmed
5 6	Confirmed
6	Confirmed
7	Confirmed
7 8	Confirmed
9	Confirmed
10	Confirmed
11	Confirmed
12	Confirmed
13	Confirmed
14	Confirmed
15	Confirmed
16	Confirmed
17	Confirmed
18	Confirmed
19	Confirmed
2 0	Confirmed
21	Confirmed
22	Confirmed
2 3	Confirmed

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